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ABSTRACT

An Ohio Board of Regents proposal for the establishment of the Ohio Business, Education, and Government Alliance is presented pursuant to House Bill 694. The partnership is designed to achieve economic renewal in Ohio and to distribute research results, provide a clearinghouse for consultative services, and coordinate training services related to the needs of business and industry. Under the leadership of a coordinating council, the alliance would be comprised of three operating councils: (1) an education and training council to design and coordinate education and training programs for employees; (2) a technology and knowledge transfer council to design and coordinate activities that would make current knowledge, research results, and technological advances in useful form to business, industry, and government; and (3) a research and development council to oversee programs to stimulate university research efforts geared toward promoting business and industry activity in Ohio. The coordinating council would consist of 12 members appointed by the governor, 8 representing business and industry, and 4 representing colleges and universities. The text of House Bill 694 is appended. (SW)

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OHIO BOARD OF REGENTS

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ED227744

A PROPOSAL TO ESTABLISH THE OHIO BUSINESS, EDUCATION AND GOVERNMENT ALLIANCE

Prepared for 114th General Assembly
Pursuant to Am. Sub. H.B. 694

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HE 015 982

SEPTEMBER 10, 1982

TABLE OF CONTENTS

LETTER OF TRANSMITTAL i

EXECUTIVE SUMMARY iii

I. INTRODUCTION. 1

The Problem 1
The Mandate 2

II. THE PROPOSAL. 2

The Coordinating Council. 5
The Ohio Council for Education and Training 7
The Ohio Council for Technology and Knowledge Transfer 8
The Ohio Council for Research and Development . . . 9
Financial Requirements. 13

III. REQUIRED LEGISLATION. 14

Appendix. 16

OHIO BOARD OF REGENTS

3500 State Office Tower
30 East Broad Street
Columbus, Ohio 43215

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September 10, 1982

The Honorable Paul E. Gillmor, President
Ohio Senate

The Honorable Vernal G. Riffe, Speaker
Ohio House of Representatives

Dear Sirs:

Enclosed for your review is a proposal of the Board of Regents for legislative establishment of the Ohio Business, Education, and Government Alliance. This report and recommendation responds to the mandate of Am. Sub. House Bill 694 that the Board of Regents advise the General Assembly concerning development of a business and industry extension service.

The Board of Regents shares in widespread concern for the economic problems facing our state in the years ahead and the growing determination to assure Ohio's success in revitalizing its business and industrial strength.

In its 1982 Master Plan for Higher Education, recently published and released, the Board has called for and pledged its support of a new social compact between Ohio's business leaders, our colleges and universities, and our state and local governments to pool resources and energies during an extended effort to achieve economic renewal.

I can report to you a growing willingness among higher education's leaders and faculty members to heed this call to new service, and a clear realization as well that contributing to Ohio's renewed economic strength is an act of enlightened self-interest for those who seek strong state and private support for higher education. Higher education cannot be strong if Ohio is not strong.

In regard to economic revitalization, it is our conviction that Ohio must organize for unusual efforts throughout the balance of the century. The task will not be finished in a year or two. Indeed, given the knowledge-based character of the technological explosion in which we find ourselves, Ohio likely must organize for concerted common efforts throughout the foreseeable future.

The proposal submitted to you today is intended to put in place the beginnings of permanent new organizational structures which will enable higher education to organize itself to be an effective partner of government and of the private business sector. Higher education is only one of the partners to a new social compact, but its resources are rich and diverse, ranging over all of its historical emphasis in education, research, and public service. An organizational structure such as proposed here is essential if we are to draw together higher education's resources and focus those strengths on the tasks required by economic regeneration. Higher education, so organized, can welcome and respond to new leadership initiatives from government and from the private sector, and help to make those initiatives successful.

Other states are doing parts of this task of preparation for intense competition in the years ahead. Individual leading universities in the nation are creating new partnerships of great promise with industries and groups of industries to share knowledge and applied research in new fields of technology. Examples of outstanding success are encountered from place to place across the nation, but no state has set itself on a course so broadly conceived as proposed here for organizing all of the principal strengths of its public and private colleges and universities for an effective role in support of economic revitalization.

We urge your support of this proposal. Within these new organizational structures we will work to prepare our higher educational institutions and their talented researchers and scholars for assisting in the urgent work of economic revitalization. We look forward in these ways to joining hands with Ohio's new Governor, the General Assembly and local governments, with private sector leaders, and with individual entrepreneurs and firms in work to assure this state's future economic strength, to the lasting benefit of Ohio's people.

Sincerely,

Edward Q. Moulton
Chancellor

rcm

EXECUTIVE SUMMARY

The Board of Regents in its 1982 Master Plan for Higher Education calls for higher education to establish effective partnerships - a new social compact - with business, industry and government. The General Assembly in the current appropriations bill calls for the development of a business and industry extension service to encourage and distribute the results of research, to provide a clearinghouse for consultative services and to coordinate training services related to the needs of business and industry. Individual institutions through their own community outreach programs as well as institutional consortia have already shown strong initiative and productivity in this regard.

The Board of Regents now proposes establishment of an Ohio Business, Education and Government Alliance to pool the state's resources in a program of economic renewal. The Alliance would be comprised of three operating councils on education and training, technology/knowledge transfer, and research and development, headed by a coordinating council with representatives from business and industry, government, the General Assembly, universities and colleges, and the Regents. Staff support would be provided by the Regents. This structure would permit building on the strengths of existing resources and programs, including expansion of the successful Ohio Technology Transfer Organization and the Urban University Demonstration Program. Budget requirements for the organization, staffing, initial research and programs are estimated at $4.8 million in fiscal 1984 and $7 million in fiscal 1985.

A PROPOSAL

TO ESTABLISH THE

OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE

INTRODUCTION

The Problem

For decades Ohio and her sister Great Lakes states led the nation in the manufacture of durable goods. In recent years, however, this position of leadership and economic strength has seriously eroded. Ohio's economy has long been closely tied to the strength of the American automobile industry, an industry currently reeling from the blows of intense foreign competition and unfavorable productivity. Under the impetus of a general economic recession, other industries with plants in Ohio have cut costs and reduced production by closing many of these plants that have housed aged equipment designed for obsolete manufacturing processes. Such industrial expansion as there has been during the current national recession has occurred outside of the Great Lakes region, primarily in the "Sun Belt" states. A recent study by the Brookings Institution characterized Columbus, Toledo, and Youngstown as "stagnant" cities in growing metropolitan areas, while classifying Cleveland, Cincinnati, Dayton, Akron, and Canton as "severely declining" cities.

National recovery from the recession will not solve Ohio's economic problems. Structural weaknesses in what has been the base of the Ohio economy--heavy manufacturing--are likely to outlast the current recession. Shifts in Ohio's economy

toward service and manufacturing industries based upon new technologies and applications of new technologies to increase productivity within established processes and firms likely hold the keys to Ohio's long-term economic revitalization.

The Mandate

In its search for long-term solutions to the economic challenges Ohio faces, the General Assembly instructed the Ohio Board of Regents to plan and develop a business and industry extension service. This mandate was included in Am. Sub. House Bill 694 (later modified by Am. Sub. Senate Bill 530), and stated that:

> "...In addition to other businesses and industries, the extension service shall be available to businesses and industries that provide social services. The business and industry extension service should include programs that encourage and distribute the results of research relating to the needs of business and industry, including, but not limited to, businesses and industries that provide social services, provide for a clearinghouse for consultative services, and coordinate training services. The Board of Regents shall report to the leadership of the General Assembly not later than September 1, 1982 on the further requirements, including legislation in the development of the extension service."

THE PROPOSAL

In response to this mandate, the Board of Regents proposes and strongly urges the legislative establishment of the Ohio Business, Education, and Government Alliance. The Alliance proposed in this report would organize, coordinate, and enhance collaboration between Ohio's colleges and universities and those in business, industry, and government who are concerned with economic development.

In developing this proposal, the Board of Regents came to the following understandings:

1. While we should pursue every opportunity, we should understand that long-term economic revitalization will require consistent policies and actions designed for the balance of the century.
2. The national and international economy is exceedingly complex, and is in a period of rapid and dramatic change. In devising a program to revitalize the state's economy in such a context, we should understand that past Ohio experience provides little in the way of guidance.
3. Economic revitalization will depend largely upon the further development of emerging technologies of a character far different from those that fired the earlier era of Ohio's economic strength.
4. If it is to be successful, a policy aimed toward economic revitalization must draw together and merge the best ideas and energies of both the public and the private sectors.
5. Ohio's schools, colleges, and universities are the state's knowledge industry, and, as such, can contribute significantly to the development and implementation of the economic revitalization initiative.

These understandings led the Board of Regents to the conclusion that a new and permanent organization should be formed through which Ohio's schools, colleges, and universities can direct their resources and energies toward the economic revitalization of the state. Such an organization would place Ohio's knowledge industry in full collaboration with representatives of business and industry, and state and local governments.

This proposal does not assert a role of political or economic leadership for either higher education or the Board of Regents. Political and economic leadership must remain the responsibility of our elected officers and our business and industrial leaders. In the collaborative framework of the Alliance proposed here, however, the resources of higher education in particular can be marshalled in support of the economic revitalization initiatives of the government and the private sector. Of particular usefulness should be higher education's capacity to develop, disseminate, and apply new technological knowledge and the results of current research.

The Alliance would be a vehicle designed to coordinate and to enhance current efforts of the state's colleges and universities, as well as to stimulate new partnerships among higher education, government, business and industry.

The Board of Regents proposes that the General Assembly establish the Ohio Business, Education, and Government Alliance. Under the leadership of a Coordinating Council, the Alliance would consist of three operational bodies including:

1. The Ohio Council for Education and Training;

2. The Ohio Council for Technology and Knowledge Transfer; and

3. The Ohio Council for Research and Development.

The following page outlines the organization chart for the Alliance.

The Coordinating Council

The Coordinating Council would provide general leadership and coordination to the Alliance. Specific responsibilities would include:

1. Develop an objective and factual description of Ohio's current economy;

2. Identify the major opportunities, directions, and potentials for economic regeneration to be pursued by the operational councils;

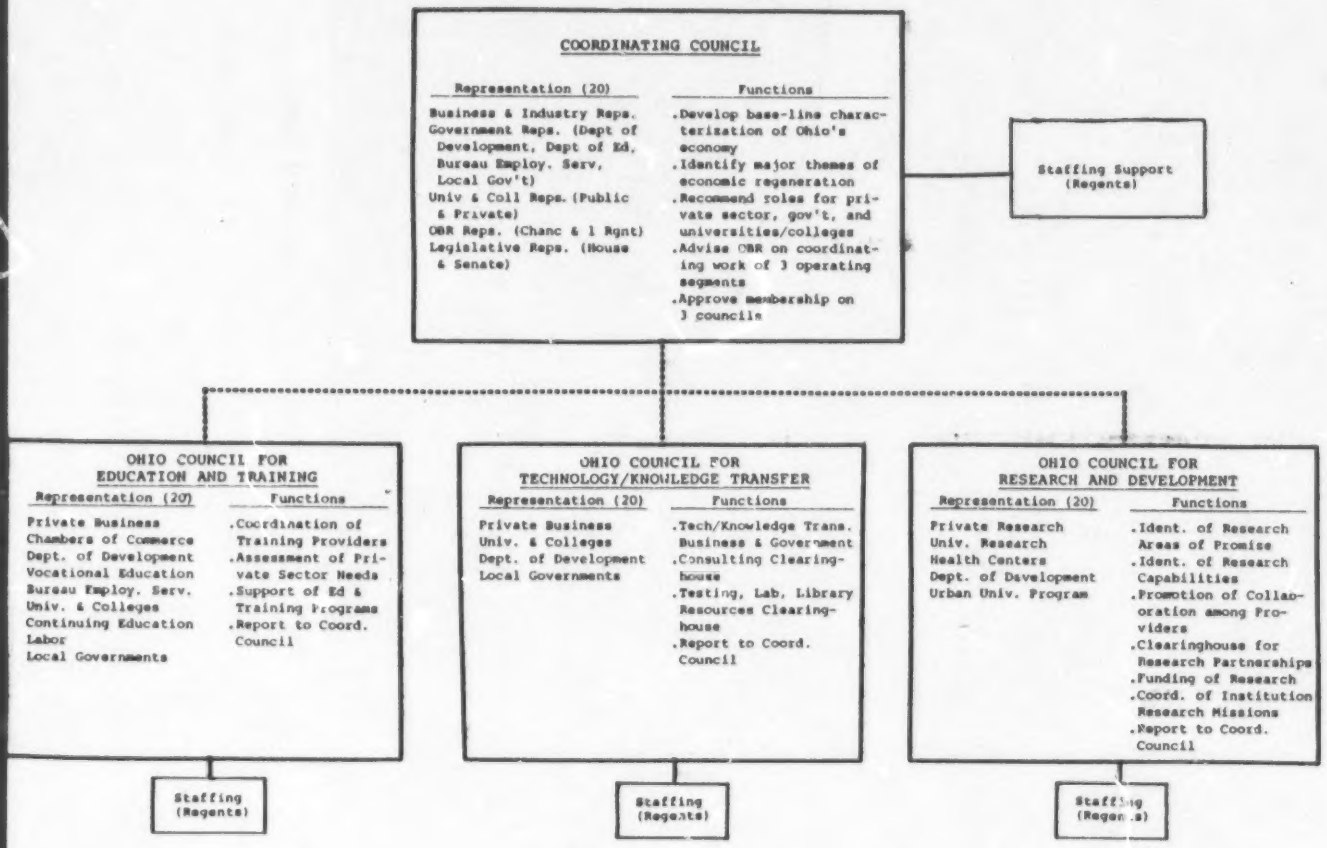
3. Recommend the distinctive roles of the private sector, the governmental sector, and the educational sector in pursuing the directions and opportunities identified;

4. Advise the Board of Regents on the coordination of the operating councils and the programs the councils may establish; and

5. Approve individuals as members of the operating councils.

The Coordinating Council would consist of twenty members, eight of whom would be appointed by the Governor to represent business and industry and four of whom would be similarly appointed to represent colleges and universities. The Governor would also name a mayor of a major Ohio city to serve as a member of the Coordinating Council. Serving ex officio would be the Chairman of the Public Service Committee of the Ohio Board of Regents and the principal executive officers of the

OHIO BUSINESS, EDUCATION AND GOVERNMENT ALLIANCE



Department of Development, the Department of Education, the Bureau of Employment Services, and the Board of Regents. Finally, the Speaker of the Ohio House of Representatives and the President of the Ohio Senate would each name a representative from his respective body.

The Coordinating Council will be supported by staffing of the Board of Regents, and for the research activities described above, will be supported by a Director of Special Studies.

The Ohio Council for Education and Training

The first of the three operational councils is the Ohio Council for Education and Training. Its general responsibility will be the design and coordination of education and training programs needed by employers. Its specific duties will include:

1. Assess the training needs of employers;
2. Devise programs of support for training activities designed to respond to these needs;
3. Coordinate the response of the various educational and training providers; and
4. Report regularly to the Coordinating Council concerning unmet needs for education and training.

In carrying out its responsibilities, the Ohio Council for Education and Training will build upon and enhance the efforts of organizations already at work in the area of education and training. Such organizations include the Job Training Consortia established by the State Department of Education, the Work and Learning Councils which the Regents themselves

have fostered in selected communities, special programs of CETA and of the Bureau of Employment Services, activities of local Chambers of Commerce, and associations of public and private colleges and universities.

Twenty persons will serve on this Council and will be approved by the Coordinating Council upon the recommendation of the Board of Regents. Members will be representatives of business, education, and government and will be persons having operational responsibility within their respective organizations for education, training, and employment. Staff assistance to the Council will be provided by the Board of Regents.

The Ohio Council for Technology and Knowledge Transfer

The second operational council will be the Ohio Council for Technology and Knowledge Transfer. Its general responsibility will be the design and coordination of activities which make current knowledge, research results, and technological advances available in useable form to business, industry, and government. Specifically, the Council will:

1. Provide the means of transferring technical and managerial information available within colleges and universities to the use of business and government leaders. In doing so, the Council will build upon and extend the institutional base of the Ohio Technology Transfer Organization and the Urban Universities Program;

2. Establish a consultative clearinghouse through which private sector and government leaders may seek assistance from college and university faculty members possessing unique capabilities.

3. Increase private sector and governmental access to testing facilities, laboratories, technical libraries, and unique equipment available within Ohio's colleges and universities; and

4. Report regularly to the Coordinating Council concerning the needs of Ohio that can be met through geographically-dispersed technology transfer centers.

In carrying out its responsibilities, the Ohio Council for Technology and Knowledge Transfer will give special attention to expanding the participation of Ohio colleges and universities. An important objective of the Council will be the encouragement of a statewide collaborative approach to technology and knowledge transfer.

This Council will also consist of twenty persons who are representatives of business, education, and government. Members will be recommended by the Board of Regents and approved by the Coordinating Council, and will be individuals knowledgeable of college and university extension capabilities. Staffing assistance will be provided by the Board of Regents.

The Ohio Council for Research and Development

The third operational council of the Alliance will be the Ohio Council for Research and Development. This Council's general responsibility will be the design and coordination of programs to stimulate university research efforts geared toward promoting business and industry activity in Ohio. Specifically, this Council will:

1. Identify areas of new knowledge likely to support the development of future technologies;
2. Identify the current research capabilities available in each of the areas identified;
3. Promote collaboration among researchers within each area identified;
4. Encourage research partnerships between universities and companies seeking collaboration with university-based researchers.

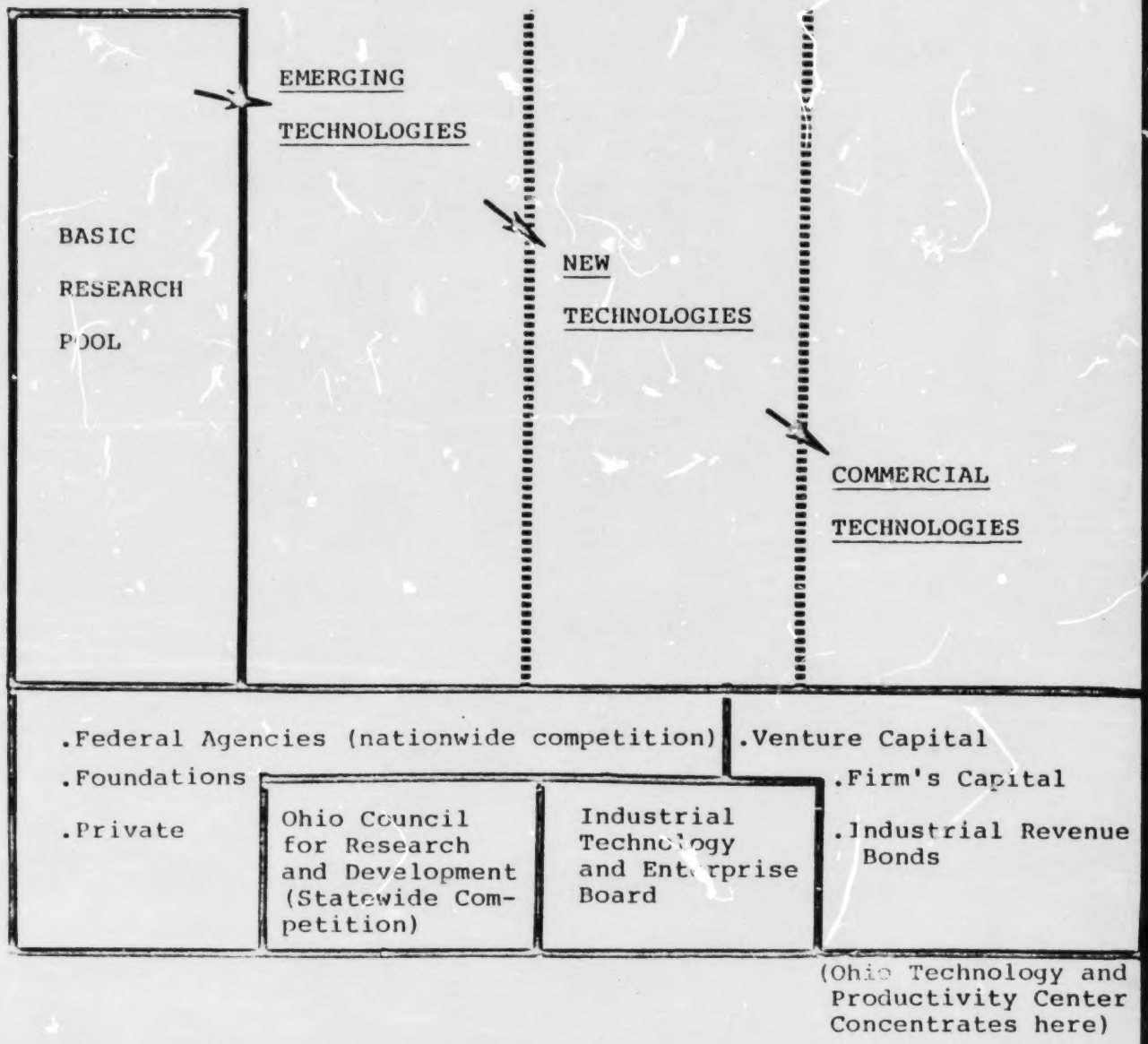
5. Propose new methods of funding this expansion of university research, and set priorities for the allocation of funds among the areas of future promise; and

6. Report regularly to the Coordinating Council on ways Ohio can further stimulate research having potential for economic development.

In carrying out its work, the Council will direct its attention to areas of new knowledge that cut across disciplinary lines, drawing together researchers within such areas as sensors-microprocessors, telecommunications, energy, and genetics. Within each area it will consider classifying new technologies into three categories: Emerging (still in the process of translation from new knowledge to technology); New (translated but not yet commercially applied); and Commercial (translated and applied to at least one use). Assuming that commercial technologies have already moved to the marketplace, the Council will focus principally on the new and emerging technologies, placing greater emphasis on the emerging technologies. The Council will strive to strengthen Ohio's centers of excellence in these fields, and will encourage joint ventures between university researchers and private sector sponsors.

Crucial to the success of the Ohio Council for Research and Development will be an understanding of the stages through which research knowledge passes as it moves toward the marketplace. Clarity in this respect will provide important guidance as to how the university, government, and private sector partners should concentrate their own activities. The chart entitled Flow of Technology may help. In addition to showing how technology moves from basic research to commercial application,

FLOW OF TECHNOLOGY



the chart shows the funding sources most commonly involved at each stage. The priminary emphasis placed upon the emerging technologies suggests the area of greatest need for state funding, as recommended below under the heading Financial Requirements. While it is true that the federal government's greatest involvement in funding research occurs at this stage, there are two reasons why the state government should be involved at this stage as well. First, federal grants are awarded on the basis of a national competition in which Ohio research centers may not be chosen. Second, federal agencies, as often as not, fund research for purposes other than those in which Ohio has an opportunity for new technological advantage. For both reasons, state money should be made available at this stage of development if Ohio is to have the greatest possibility of an early advantage in the development of new technologies.

The areas of concern to other development organizations recently formed in Ohio are also noted on the chart. The Industrial Technology and Enterprise Board and the Ohio Technology and Productivity Center can complement the efforts of the Ohio Research and Development Council. Each of these efforts can contribute significantly and cooperatively to the common objective--the state's economic revitalization.

The Ohio Research and Development Council will have twenty members approved by the Coordinating Council upon recommendation of the Board of Regents. Members appointed will be representative of business, education and government, and will have operational responsibility for the research activities of their

respective organizations. Staff support of the Council's work will be provided by the Board of Regents.

Financial Requirements

The Board of Regents will include within its appropriation recommendations for the 1983-1985 biennium requests for financial support necessary to implement this program. These financial needs are summarized as follows:

		1983-84	1984-85
A.	Administrative Support This item will provide necessary staff support for the Ohio Business, Education, and Government Alliance and support operational costs of the several councils.	$ 255,000	$ 330,000
B.	Ohio Technology Transfer Organization This will support continued operation of the existing OTTO network and its expansion to two additional centers, added engineering and business specialists at a total of five state universities, and enhanced communication links among OTTO centers and The Ohio State University headquarters.	1,300,000	1,400,000
C.	Urban Universities Program This item will enhance support for the major center at Cleveland State University; continue support of Cleveland State/ University of Akron/Youngstown State cooperative research on economic redevelopment of the Northeastern region of Ohio; add three universities to the eight now participating; and expand developmental support for the ten universities other than Cleveland State.	1,300,000	1,300,000
	SUBTOTAL	$2,855,000	$3,030,000

19

	1983-84	1984-85
SUBTOTAL	$2,855,000	$3,030,000
D. Research Partnership	500,000	2,000,000
This item will enable the Ohio Council for Research and Development, within the major areas of research identified as having future economic promise, to grant funds selectively in support of research projects in which both a university/industry partnership is at hand and where private support of continued development is in prospect following a successful project.		
E. High Technology Facilities and Training	1,500,000	2,000,000
This item will enable the Ohio Council for Education and Training to support short-term, noncredit courses required for implementation of high technologies in the workplace, and will provide for the facilities and equipment necessary to support such courses at strategically selected locations throughout the state.		
TOTAL	$4,855,000	$7,030,000

Further detail on each component of financial need will be available in conjunction with the biennial budget deliberations preceeding the 1983-1985 biennium.

REQUIRED LEGISLATION

The Board of Regents strongly urges enactment of legislation to establish the Ohio Business, Education, and Government Alliance. The Board likewise urges the provision of state

funding required for development and success of the Alliance. Included as an Appendix to this report is a bill draft that can be used to establish the Alliance.

For several reasons the Board of Regents believes that legislative creation of the Alliance is preferable to alternative approaches that might lie within existing authorities of the Board of Regents.

First, the size and complexity of the task before us requires the impetus of a clear legislative mandate. If the state is to marshal higher education's resources in support of Ohio's economic revitalization, a legislative mandate will be important to the Board of Regents and to the colleges and universities upon whom success of the venture rests.

Secondly, the presence of gubernatorial appointees and key government leaders on the Coordinating Council will add immeasurably to the stature of the Alliance and increase its chances of long-term success.

Thirdly, legislative creation of the Alliance will highlight its availability to serve the needs of the Legislature and the Governor as specific new economic revitalization programs are put forward by Ohio's political leadership.

It is the hope and conviction of the Board of Regents that the Ohio Business, Education, and Government Alliance will be seen as a crucial investment in Ohio's economic revitalization. The Board pledges its best efforts to assure the success of this venture.

APPENDIX

A B I L L

To enact sections 3333.41 to 3333.53 of the Revised Code to establish the Ohio Business, Education and Government Alliance for the purpose of extending the education, research, and public service resources of Ohio colleges and universities to the support of existing business and industrial organizations, to the support of new and expanded business and industrial organizations, and to the support of state and local governments of the state.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF OHIO:

Section 1. That sections 3333.41 to 3333.53 of the Revised Code read as follows:

Sec. 3333.41. THERE IS HEREBY CREATED THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE FOR THE PURPOSE OF EXTENDING THE EDUCATIONAL, RESEARCH AND PUBLIC SERVICE RESOURCES OF OHIO COLLEGES AND UNIVERSITIES TO THE SUPPORT OF EXISTING BUSINESS AND INDUSTRIAL ORGANIZATIONS, TO THE SUPPORT OF NEW AND EXPANDED BUSINESS AND INDUSTRIAL ORGANIZATIONS, AND TO THE SUPPORT OF STATE AND LOCAL GOVERNMENTS OF THE STATE.

Sec. 3333.42. THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE SHALL BE COMPOSED OF A COORDINATING COUNCIL AND THREE OPERATING COUNCILS. THE OPERATING COUNCILS SHALL INCLUDE THE OHIO COUNCIL FOR EDUCATION AND TRAINING, THE OHIO COUNCIL FOR TECHNOLOGY AND KNOWLEDGE TRANSFER, AND THE OHIO COUNCIL FOR RESEARCH AND DEVELOPMENT.

Sec. 3333.43. THE COORDINATING COUNCIL SHALL CONSIST OF TWENTY MEMBERS SELECTED FOR THEIR KNOWLEDGE OF AND EXPERIENCE IN THE FIELDS OF BUSINESS AND INDUSTRIAL ENTERPRISE, PUBLIC AND PRIVATE EDUCATION, AND STATE AND LOCAL GOVERNMENT, AND SHALL BE APPOINTED AS FOLLOWS:

(A) EIGHT MEMBERS SHALL BE APPOINTED BY THE GOVERNOR WITH THE ADVICE AND CONSENT OF THE SENATE AND BE SELECTED FOR THEIR KNOWLEDGE OF AND EXPERIENCE IN BUSINESS AND INDUSTRIAL ENTERPRISE WITHIN THE STATE OF OHIO. IN APPOINTING SUCH MEMBERS THE GOVERNOR SHALL REPRESENT BOTH MANAGEMENT AND LABOR AS WELL AS THE MAJOR REGIONS, BUSINESS AND INDUSTRIAL CLASSIFICATIONS, AND BUSINESS AND INDUSTRIAL SIZES CHARACTERISTIC OF OHIO.

(B) ONE MEMBER SHALL BE APPOINTED BY THE GOVERNOR, SELECTED ON THE BASIS OF HIS KNOWLEDGE OF AND EXPERIENCE IN LOCAL GOVERNMENT AND BASED ON HIS CURRENT STATUS AS MAYOR OF ONE OF OHIO'S TEN LARGEST CITIES.

(1) THE TERMS OF OFFICE OF MEMBERS APPOINTED UNDER SECTIONS (A) AND (B) ABOVE SHALL BE FOUR YEARS COMMENCING ON THE DATE OF APPOINTMENT;

(2) ANY MEMBER APPOINTED TO FILL A VACANCY OCCURRING PRIOR TO THE EXPIRATION OF THE TERM FOR WHICH HIS PREDECESSOR WAS APPOINTED SHALL HOLD OFFICE FOR THE REMAINDER OF SUCH TERM;

(3) ANY MEMBER SHALL CONTINUE IN OFFICE SUBSEQUENT TO THE EXPIRATION OF HIS TERM UNTIL HIS SUCCESSOR TAKES OFFICE, OR UNTIL A PERIOD OF SIXTY DAYS HAS ELAPSED, WHICHEVER OCCURS FIRST.

(C) FOUR MEMBERS SHALL BE APPOINTED BY THE GOVERNOR AND BE SELECTED FOR THEIR KNOWLEDGE OF AND EXPERIENCE IN HIGHER EDUCATION AND BASED ON THEIR CURRENT STATUS AS PRESIDENTS OF OHIO COLLEGES OR UNIVERSITIES. TWO SUCH APPOINTEES SHALL CURRENTLY BE SERVING AS PRESIDENTS OF STATE UNIVERSITIES, ONE SHALL CURRENTLY BE SERVING AS PRESIDENT OF A TWO-YEAR STATE COLLEGE, AND ONE SHALL CURRENTLY BE SERVING AS PRESIDENT OF A PRIVATE COLLEGE OR UNIVERSITY.

(1) THE TERMS OF OFFICE OF THESE MEMBERS SHALL BE FOUR YEARS COMMENCING ON THE DATE OF APPOINTMENT, OR, (FROM SUCH DATE OF APPOINTMENT) UNTIL EXPIRATION OF HIS ENCUMBANCY IN THE PRESIDENCY FROM WHICH APPOINTED;

(2) ANY MEMBER APPOINTED TO FILL A VACANCY OCCURRING PRIOR TO THE EXPIRATION OF THE TERM FOR WHICH HIS PREDECESSOR WAS APPOINTED SHALL HOLD OFFICE FOR THE REMAINDER OF SUCH TERM;

(3) ANY MEMBER SHALL CONTINUE IN OFFICE SUBSEQUENT TO THE EXPIRATION OF HIS TERM UNTIL HIS SUCCESSOR TAKES OFFICE, OR UNTIL A PERIOD OF SIXTY DAYS HAS ELAPSED, WHICHEVER OCCURS FIRST.

(D) THE FOLLOWING OFFICERS OF STATE GOVERNMENT SHALL SERVE AS EX-OFFICIO VOTING MEMBERS:

(1) CHAIRMAN OF THE HOUSE EDUCATION COMMITTEE;

(2) CHAIRMAN OF THE SENATE EDUCATION COMMITTEE;

(3) DIRECTOR OF THE OHIO DEPARTMENT OF DEVELOPMENT;

(4) DIRECTOR OF THE OHIO BUREAU OF EMPLOYMENT SERVICES;

(5) SUPERINTENDENT OF PUBLIC INSTRUCTION;

(6) CHANCELLOR OF THE OHIO BOARD OF REGENTS;

(7) CHAIRMAN OF THE OHIO BOARD OF REGENTS COMMITTEE ON PUBLIC SERVICE.

(E) ALL MEMBERS OF THE COORDINATING COUNCIL SHALL BE ELIGIBLE FOR REAPPOINTMENT.

(F) MEMBERS OF THE COORDINATING COUNCIL SHALL SERVE WITHOUT COMPENSATION, BUT SHALL BE REIMBURSED FOR NECESSARY EXPENSES INCURRED IN THE CONDUCT OF THE COUNCIL'S BUSINESS.

Sec. 3333.44. THE COORDINATING COUNCIL SHALL HOLD ITS FIRST MEETING AT THE CALL OF THE CHANCELLOR OF THE OHIO BOARD OF REGENTS, WITHIN THREE MONTHS AFTER ALL MEMBERS HAVE BEEN APPOINTED. MEETINGS THEREAFTER SHALL BE CALLED IN SUCH MANNER AND AT SUCH TIMES AS PRESCRIBED BY RULES ADOPTED BY THE COUNCIL. A MAJORITY OF THE MEMBERS SHALL CONSTITUTE A QUORUM. AT ITS FIRST MEETING, THE COUNCIL SHALL ELECT A CHAIRMAN FROM AMONG THE MEMBERS APPOINTED BY THE GOVERNOR, A VICE-CHAIRMAN, AND A SECRETARY, AND

SUCH OTHER OFFICES AS IT DEEMS NECESSARY. THE BOARD SHALL ADOPT RULES FOR THE CONDUCT OF ITS BUSINESS, AND TO PROVIDE FOR THE TERM AND ELECTION OF OFFICERS.

Sec. 3333.45. THE COORDINATING COUNCIL SHALL COORDINATE THE WORK OF THE THREE OPERATING COUNCILS AND GIVE GUIDANCE AND DIRECTION TO ALL WORK OF THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE. IN CARRYING OUT ITS DUTIES THE COORDINATING COUNCIL SHALL:

(A) PROVIDE FOR DEVELOPMENT OF FACTUAL CHARACTERIZATIONS OF OHIO'S ECONOMY FOR THE USE AND GUIDANCE OF THE OPERATING COUNCILS.

(B) PROVIDE FOR THE IDENTIFICATION OF MAJOR THEMES OF LONGER-TERM ECONOMIC REGENERATION AROUND WHICH THE OPERATING COUNCILS DEPENDABLY CAN ORGANIZE THEIR PROGRAMS AND SEEK TO IDENTIFY AND ENHANCE HIGHER EDUCATION'S RESOURCE STRENGTH.

(C) RECOMMEND AS REGARDS EACH OF THE MAJOR REGENERATION THEMES DISTINCTIVE ROLES FOR THE PRIVATE SECTOR, THE GOVERNMENTAL SECTOR, AND THE EDUCATIONAL SECTOR IN DEVISING AND CARRYING OUT NEW ACTIVITIES DIRECTED TO THE ECONOMIC REVITALIZATION OF OHIO.

(D) ADVISE THE BOARD OF REGENTS ON COORDINATION OF THE ONGOING WORK OF THE OPERATING COUNCILS AND THE PROGRAMS THEY MAY ESTABLISH AND OPERATE.

(E) APPROVE OR DISAPPROVE MEMBERSHIP ON THE OPERATING COUNCILS AS RECOMMENDED BY THE BOARD OF REGENTS.

Sec. 3333.46. THE OHIO COUNCIL FOR EDUCATION AND TRAINING SHALL CONSIST OF TWENTY MEMBERS APPOINTED BY THE COORDINATING COUNCIL UPON RECOMMENDATION OF THE BOARD OF REGENTS, AND CHOSEN FOR THEIR EXPERIENCE IN EDUCATING PERSONS FOR CAREERS AND FOR WORK OR IN UTILIZING SUCH PERSONS IN THE CONDUCT OF BUSINESS, INDUSTRY AND GOVERNMENT. IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL PROVIDE

REPRESENTATION OF PRIVATE BUSINESS AND INDUSTRY, STATE AND LOCAL GOVERNMENTS, HIGH SCHOOL AND VOCATIONAL EDUCATION, AND TWO-YEAR AND SENIOR PUBLIC AND PRIVATE COLLEGES AND UNIVERSITIES.

(1) THE TERMS OF OFFICE OF MEMBERS SHALL BE TWO YEARS COMMENCING ON THE DATE OF APPOINTMENT;

(2) ANY MEMBER APPOINTED TO FILL A VACANCY OCCURRING PRIOR TO EXPIRATION OF THE TERM FOR WHICH HIS PREDECESSOR WAS APPOINTED SHALL HOLD OFFICE FOR THE REMAINDER OF SUCH TERM;

(3) ANY MEMBER SHALL CONTINUE IN OFFICE SUBSEQUENT TO THE EXPIRATION OF HIS TERM UNTIL HIS SUCCESSOR TAKES OFFICE, OR UNTIL A PERIOD OF SIXTY DAYS HAS ELAPSED, WHICHEVER OCCURS FIRST;

(4) ALL MEMBERS SHALL BE ELIGIBLE FOR REAPPOINTMENT;

(5) MEMBERS SHALL SERVE WITHOUT COMPENSATION BUT SHALL BE REIMBURSED FOR NECESSARY EXPENSES INCURRED IN THE CONDUCT OF THE COUNCIL'S BUSINESS;

(6) IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL ALSO DESIGNATE A MEMBER TO SERVE AS CHAIRMAN.

Sec. 3333.47. THE OHIO COUNCIL FOR EDUCATION AND TRAINING SHALL DEVISE, OVERSEE, AND EVALUATE ACTIVITIES AND PROGRAMS WHICH INCREASE THE EFFECTIVENESS OF EDUCATION AND TRAINING FOR EMPLOYMENT IN OHIO. IN CARRYING OUT ITS DUTIES THE COUNCIL SHALL:

(A) PROVIDE FOR CONTINUING ASSESSMENT OF THE NEEDS OF PRIVATE SECTOR AND PUBLIC SECTOR EMPLOYERS FOR CAREER AND JOB-RELATED EDUCATIONAL SERVICES FOR EMPLOYEES AND PROSPECTIVE EMPLOYEES.

(B) COORDINATE AND ENCOURAGE THE WORK OF EDUCATIONAL AND TRAINING PROVIDERS SEEKING TO MEET THE NEEDS OF PRIVATE AND PUBLIC SECTOR EMPLOYERS.

(C) DEVISE PROGRAMS OF SUPPORT FOR EDUCATIONAL AND TRAINING ACTIVITIES SEEKING TO ADJUST TO THE NEEDS OF PRIVATE AND PUBLIC SECTOR EMPLOYERS.

(D) REPORT REGULARLY TO THE COORDINATING COUNCIL CONCERNING THE UNMET NEEDS OF OHIO FOR EDUCATIONAL AND TRAINING SERVICES.

Sec. 3333.48. THE OHIO COUNCIL FOR TECHNOLOGY AND KNOWLEDGE TRANSFER SHALL CONSIST OF TWENTY MEMBERS APPOINTED BY THE COORDINATING COUNCIL UPON RECOMMENDATION OF THE BOARD OF REGENTS, AND CHOSEN FOR THEIR KNOWLEDGE OF AND COMMITMENT TO THE CONCEPT OF COLLEGE AND UNIVERSITY EXTENDED SERVICES AND PARTICIPATION IN COMMUNITY AND BUSINESS AFFAIRS. IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL PROVIDE REPRESENTATION OF PRIVATE BUSINESS AND INDUSTRY, STATE AND LOCAL GOVERNMENTS, AND TWO-YEAR AND SENIOR COLLEGES AND UNIVERSITIES.

(1) THE TERMS OF OFFICE OF MEMBERS SHALL BE TWO YEARS COMMENCING ON THE DATE OF APPOINTMENT;

(2) ANY MEMBER APPOINTED TO FILL A VACANCY OCCURRING PRIOR TO EXPIRATION OF THE TERM FOR WHICH HIS PREDECESSOR WAS APPOINTED SHALL HOLD OFFICE FOR THE REMAINDER OF SUCH TERM;

(3) ANY MEMBER SHALL CONTINUE IN OFFICE SUBSEQUENT TO THE EXPIRATION OF HIS TERM UNTIL HIS SUCCESSOR TAKES OFFICE, OR UNTIL A PERIOD OF SIXTY DAYS HAS ELAPSED, WHICHEVER OCCURS FIRST;

(4) ALL MEMBERS SHALL BE ELIGIBLE FOR REAPPOINTMENT;

(5) MEMBERS SHALL SERVE WITHOUT COMPENSATION BUT SHALL BE REIMBURSED FOR NECESSARY EXPENSES INCURRED IN THE CONDUCT OF THE COUNCIL'S BUSINESS;

(6) IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL ALSO DESIGNATE A MEMBER TO SERVE AS CHAIRMAN.

Sec. 3333.49. THE OHIO COUNCIL FOR TECHNOLOGY AND KNOWLEDGE TRANSFER SHALL DEVISE, OVERSEE, AND EVALUATE ACTIVITIES AND PROGRAMS WHICH TRANSFER TO THE USE OF BUSINESS, GOVERNMENT, AND PUBLIC ORGANIZATION, AVAILABLE STORES OF KNOWLEDGE AND TECHNICAL INFORMATION USEFUL FOR

PRIVATE AND GOVERNMENTAL PROBLEM SOLVING. IN CARRYING OUT ITS DUTIES THE COUNCIL SHALL:

(A) PROVIDE MEANS INCLUDING GEOGRAPHICALLY DISPERSED SERVICE CENTERS OF TRANSFERRING TO THE USE OF BUSINESS AND GOVERNMENT LEADERS TECHNICAL AND MANAGERIAL INFORMATION AVAILABLE WITHIN COLLEGES AND UNIVERSITIES. IN THIS REGARD, THE COUNCIL SHALL PROFIT FROM AND BUILD UPON EXPERIENCE DEVELOPED WITHIN THE OHIO TECHNOLOGY TRANSFER ORGANIZATION AND THE URBAN UNIVERSITIES PROGRAM EARLIER AUTHORIZED THROUGH OPERATING APPROPRIATIONS OF THE GENERAL ASSEMBLY.

(B) ESTABLISH A CONSULTATIVE CLEARINGHOUSE THROUGH WHICH PRIVATE SECTOR AND GOVERNMENTAL LEADERS MAY SEEK ASSISTANCE FROM COLLEGES AND UNIVERSITY FACULTY MEMBERS WHERE UNIQUE CAPABILITIES EXIST WITHIN HIGHER EDUCATIONAL INSTITUTIONS.

(C) PROVIDE MEANS OF INCREASED PRIVATE SECTOR AND GOVERNMENTAL ACCESS UNDER SUITABLE CONDITIONS TO TESTING FACILITIES, LABORATORIES, TECHNICAL LIBRARIES, AND UNIQUE EQUIPMENT AVAILABLE WITHIN OHIO'S COLLEGES AND UNIVERSITIES.

(D) REPORT REGULARLY TO THE COORDINATING COUNCIL CONCERNING THE NEEDS OF OHIO WHICH CAN BE MET THROUGH GEOGRAPHICALLY DISPERSED CENTERS OF EXTENDED SERVICE.

Sec. 3333.50. THE OHIO COUNCIL FOR RESEARCH AND DEVELOPMENT SHALL CONSIST OF TWENTY PERSONS APPOINTED BY THE COORDINATING COUNCIL UPON RECOMMENDATION OF THE BOARD OF REGENTS, AND CHOSEN FOR THEIR KNOWLEDGE AND EXPERIENCE IN FIELDS OF RESEARCH AND OF RESEARCH ADMINISTRATION. IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL PROVIDE REPRESENTATION OF PRIVATE BUSINESS AND INDUSTRY, STATE GOVERNMENT, AND PUBLIC AND PRIVATE RESEARCH UNIVERSITIES IN OHIO.

(1) THE TERMS OF OFFICE OF MEMBERS SHALL BE TWO YEARS COMMENCING ON THE DATE OF APPOINTMENT;

(2) ANY MEMBER APPOINTED TO FILL A VACANCY OCCURRING PRIOR TO EXPIRATION OF THE TERM FOR WHICH HIS PREDECESSOR WAS APPOINTED SHALL HOLD OFFICE FOR THE REMAINDER OF SUCH TERM;

(3) ANY MEMBER SHALL CONTINUE IN OFFICE SUBSEQUENT TO THE EXPERATION OF HIS TERM UNTIL HIS SUCCESSOR TAKES OFFICE, OR UNTIL A PERIOD OF SIXTY DAYS HAS ELAPSED, WHICHEVER OCCURS FIRST;

(4) ALL MEMBERS SHALL BE ELIGIBLE FOR REAPPOINTMENT;

(5) MEMBERS SHALL SERVE WITHOUT COMPENSATION BUT SHALL BE REIMBURSED FOR NECESSARY EXPENSES INCURRED IN THE CONDUCT OF THE COUNCIL'S BUSINESS;

(6) IN RECOMMENDING MEMBERSHIP ON THE COUNCIL THE BOARD OF REGENTS SHALL ALSO DESIGNATE A MEMBER TO SERVE AS CHAIRMAN.

Sec. 3333.51. THE OHIO COUNCIL FOR RESEARCH AND DEVELOPMENT SHALL DEVISE, OVERSEE AND EVALUATE ACTIVITIES AND PROGRAMS TO ENHANCE RESEARCH WHICH PROMOTES INCREASED BUSINESS AND INDUSTRIAL ACTIVITY IN OHIO, AND SUPPORTS INCREASED PRODUCTIVITY AND RENEWAL WITHIN EXISTING BUSINESSES AND INDUSTRIES, AND TO SUPPORT GOVERNMENTAL POLICIES OF LONG-TERM BUSINESS AND INDUSTRIAL DEVELOPMENT. IN CARRYING OUT ITS DUTIES THE COUNCIL SHALL:

(A) IDENTIFY BROAD AREAS OF NEW KNOWLEDGE OUT OF WHICH TECHNOLOGIES OF FUTURE PROMISE LIKELY WILL ARISE.

(B) INDENTIFY AND EVALUATE THE RESEARCH CAPABILITIES AND RESOURCES AVAILABLE WITHIN OHIO COLLEGES, UNIVERSITIES, AND PRIVATE RESEARCH ORGANIZATIONS IN EACH AREA OF FUTURE PROMISE.

(C) PROMOTE ACTIVE COLLABORATION AMONG RESEARCHERS WITHIN EACH AREA OF FUTURE PROMISE.

(D) ENCOURAGE AND SUPPORT RESEARCH PARTNERSHIPS BETWEEN UNIVERSITY CENTERS OF SPECIAL RESEARCH STRENGTHS AND COMPANIES SEEKING ACTIVE COLLABORATION WITH UNIVERSITY-BASED RESEARCHERS.

(E) DEVISE STRATEGIES OF FINANCIAL SUPPORT FOR RESEARCH EXPANSION AND FOR SETTING PRIORITIES CONCERNING THE USE OF NEW RESOURCES WITHIN AREAS OF FUTURE PROMISE.

(F) REPORT REGULARLY TO THE COORDINATING COUNCIL CONCERNING WAYS IN WHICH OHIO CAN STIMULATE GREATER UNIVERSITY/PRIVATE SECTOR INTERACTION IN RESEARCH HAVING POTENTIAL FOR ECONOMIC DEVELOPMENT.

Sec. 3333.52. THE OHIO BOARD OF REGENTS SHALL PROVIDE ADMINISTRATIVE AND STAFF SUPPORT FOR THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE ESTABLISHED UNDER SECTIONS 3333.41 TO 3333.51 OF THE REVISED CODE. FOR SUCH PURPOSES THE BOARD OF REGENTS SHALL:

(A) HIRE AND FIX THE COMPENSATION OF STAFF EMPLOYEES, CONSULTANTS, AND AGENTS, EITHER DIRECTLY OR BY CONTRACT WITH A STATE UNIVERSITY, FOR THE PURPOSE OF PROVIDING ADMINISTRATIVE SUPPORT FOR THE CONDUCT OF ACTIVITIES OF THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE, ITS COORDINATING COUNCIL AND ITS OPERATING COUNCILS.

(B) RECEIVE AND ADMINISTER GRANTS, PAYMENTS OR APPROPRIATIONS FOR THE SUPPORT OF ACTIVITIES OF THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE, ITS COORDINATING COUNCIL AND ITS OPERATING COUNCILS.

(C) DO ALL THINGS OTHERWISE WITHIN THE ADMINISTRATIVE POWERS OF THE BOARD OF REGENTS TO SUPPORT THE WORK OF THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE, ITS COORDINATING COUNCIL AND ITS OPERATING COUNCILS.

Sec. 3333.53. ALL COLLEGES AND UNIVERSITIES SHALL COOPERATE WITH AND SEEK TO SUPPORT THE PURPOSES AND PROGRAMS OF SERVICE DEVELOPED BY THE OHIO BUSINESS, EDUCATION, AND GOVERNMENT ALLIANCE, AND SHALL AVOID UNDUE DUPLICATION OF SERVICES ORGANIZED WITHIN THE COLLABORATIVE UNDERTAKINGS OF THE ALLIANCE.